



2019 Northern California Earthquake Hazards Workshop  
February 5–6, 2019  
USGS, Menlo Park, California

**AGENDA**

**Tuesday, February 5**

9:00-9:15am      **Welcoming Remarks**

**Steve Hickman**, Director, Earthquake Science Center (USGS)  
**Keith Knudsen**, Northern California EQ Hazards Coordinator (USGS)  
**Sarah Minson**, Workshop Overview (USGS)

**The 1969 Santa Rosa earthquakes: 50th anniversary**

9:15-10:50am      **Santa Rosa earthquake hazards: then and now**

**Ivan Wong** (LCI) [20 min]  
**Vicki Langenheim** (USGS) [20 min]  
**Suzanne Hecker** (USGS) [20 min]  
**Gareth Funning** (UC Riverside) *Surface and subsurface creep along the Rodgers Creek-Maacama fault zone revealed by InSAR and repeating earthquakes* [20 min]

Discussion: 15 min  
Moderator: Sarah Minson (USGS)

10:50-11:15am      **Break**

11:15am-12:15pm **Rebuilding after natural disasters: Perspectives from Santa Rosa and beyond**

**TBD** [20 min]  
**David Guhin** (City of Santa Rosa Director of Planning and Economic Development) [20 min]  
**Sara McBride** (USGS) [20 min]

Discussion: 15 min  
Moderator: Suzanne Hecker (USGS)

12:15-1:45pm      **Lunch + Poster Session**

1:45-3:30pm      **Jack Boatwright's scientific legacy**

**Paul Richards** (LDEO) [25 min]  
**Massimo Cocco** (INGV) [25 min]

**George Choy** (USGS) [25 min]  
**Mary Lou Zoback** (Stanford University) [25 min]

Moderator: Keith Knudsen (USGS)

3:30-4:30pm **Personal remembrances of Jack**

Moderator: Steve Hickman and Keith Knudsen (USGS)

4:30pm **Adjourn**

6:00pm **Evening gathering in honor of Jack** (cost and location TBD)

### **Wednesday, February 6**

9:00-11:00am **Creeping faults and their hazards**

**Ruth Harris** (USGS) *Large earthquakes and creeping faults* [25 min]  
**Josie Nevitt** (SDSU) [25 min]  
**Morgan Page** (USGS) [25 min]  
**Kaj Johnson** (Indiana University) [25 min]

Discussion: 20 min

Moderator: David Schwartz (USGS)

11am-12:00pm **Lightning Talks** *Everything You Want to Know About Current Earthquake Research in Northern California in Less than an Hour!*

Moderator: Sarah Minson (USGS) [1 slide and 3 min per speaker]

12-1:30pm **Lunch + Poster Session**

1:30-3:30pm **Other Hot Topics**

**Greg Beroza or Mostafa Mousavi** (Stanford) *Deep Learning of Earthquake Signals* [25 min]  
**Zhongwen Zhan** (Caltech) *Fiber seismology: a new way to build dense seismic networks* [25 min]  
**Danielle Hutchings Mieler** (Office of Resilience and Capital and Planning, City and County of San Francisco) [25 min]

Discussion: 15 min

Moderator: Brad Aagaard (USGS)

3:30pm **Concluding Remarks**

**Keith Knudsen**

3:45pm **Adjourn**